



**BUILDING CODE COMPLIANCE OFFICE (BCCO)  
PRODUCT CONTROL DIVISION**

**MIAMI-DADE COUNTY, FLORIDA  
METRO-DADE FLAGLER BUILDING  
140 WEST FLAGLER STREET, SUITE 1603  
MIAMI, FLORIDA 33130-1563  
(305) 375-2901 FAX (305) 375-2908**

## **NOTICE OF ACCEPTANCE (NOA)**

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**Ceco Door Products  
9159 Telecom Drive  
Milan, TN 38358**

### **SCOPE:**

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

### **DESCRIPTION: The Ceco Series Single Flush / Embossed Outswing Commercial Steel Doors –Impact**

**APPROVAL DOCUMENT:** Drawing No **RD0518**, titled “3-0 x 7-0 Outswing Doors, Regent, Omega, Imperial, Versadoor”, prepared by manufacturer, sheets 1 through 9 of 9, dated 11/26/00 and latest revised on 10-10-02, bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division.

### **MISSILE IMPACT RATING: Large and Small Missile Impact**

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of this page 1 as well as approval document mentioned above.

The submitted documentation was reviewed by **Ishaq I. Chanda, P.E.**



**NOA No 01-0531.01  
Expiration Date: October 31, 2007  
Approval Date: October 31, 2002  
Page 1**

## Ceco Door Products

### NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

(For File ONLY. Not part of NOA)

#### **A. DRAWINGS**

1. Manufacturer's parts and sections drawings.
2. Drawing No **RD0518**, titled "3-0 x 7-0 Outswing Doors, Regent, Omega, Imperial, Versa door", prepared by manufacturer, sheets 1 thru 9 of 9 dated 11/26/00 and latest revised on 10-10-02.

#### **B. TESTS**

1. Test Report No. **ATL-1130.01-00**, issued by American Testing lab of South Florida, dated December 21, 2000 and, signed and sealed William R. Mehner, P.E. and Henry Hattem, P. E. for the following tests:  
Test report on 1) Air Infiltration Test, per PA 202-94  
2) Uniform Static Air Pressure Test, Loading per PA 202-94  
3) Water Resistance Test, per PA 202-94  
4) Forced Entry Test, per SFBC 3603.2 (b) and PA 202-94  
5) Large Missile Impact Test per SFBC, PA 201-94  
6) Cyclic Wind Pressure Loading per SFBC, PA 203-94  
along with manufacturer's parts and section drawings marked by American testing lab of South Florida (This test report has been revised with addendum letter dated 02-01-2001, 09-21-2001 and letter dated 08-22-2002, signed and sealed William R. Mehner, P.E. and Henry Hattem, P. E. )

#### **C. CALCULATIONS**

1. Anchorage verification calculations dated 05-22-01, prepared by Tileco Inc., signed and sealed by Walter A. Tillit, P. E.

#### **D. MATERIAL CERTIFICATIONS**

1. Tensile Test CTL-125F, prepared by Certified Testing Laboratories., dated December 14, 2000, for steel samples, tested per ASTM E8/A380, signed & sealed by Ramesh Patel, P.E.
2. Test report No. 01-03048.01.27c(1), dated 25 July 2000 and revised on 21 June, 2002. issued by South West Research Institute. For "Smoke density index and Flame spread index" per ASTM E-84 issued to Foam enterprise Inc, signed by A. L. Saucedo.
3. Test report for "Self ignition temperature" for plastic materials per ASTM D-1929, report No. SwRI-01-04020.01.022 dated February 08, 2001, issued to Foam Enterprise Inc by South Research Inc., signed by A. Leigh Orvis, R. Scientist.

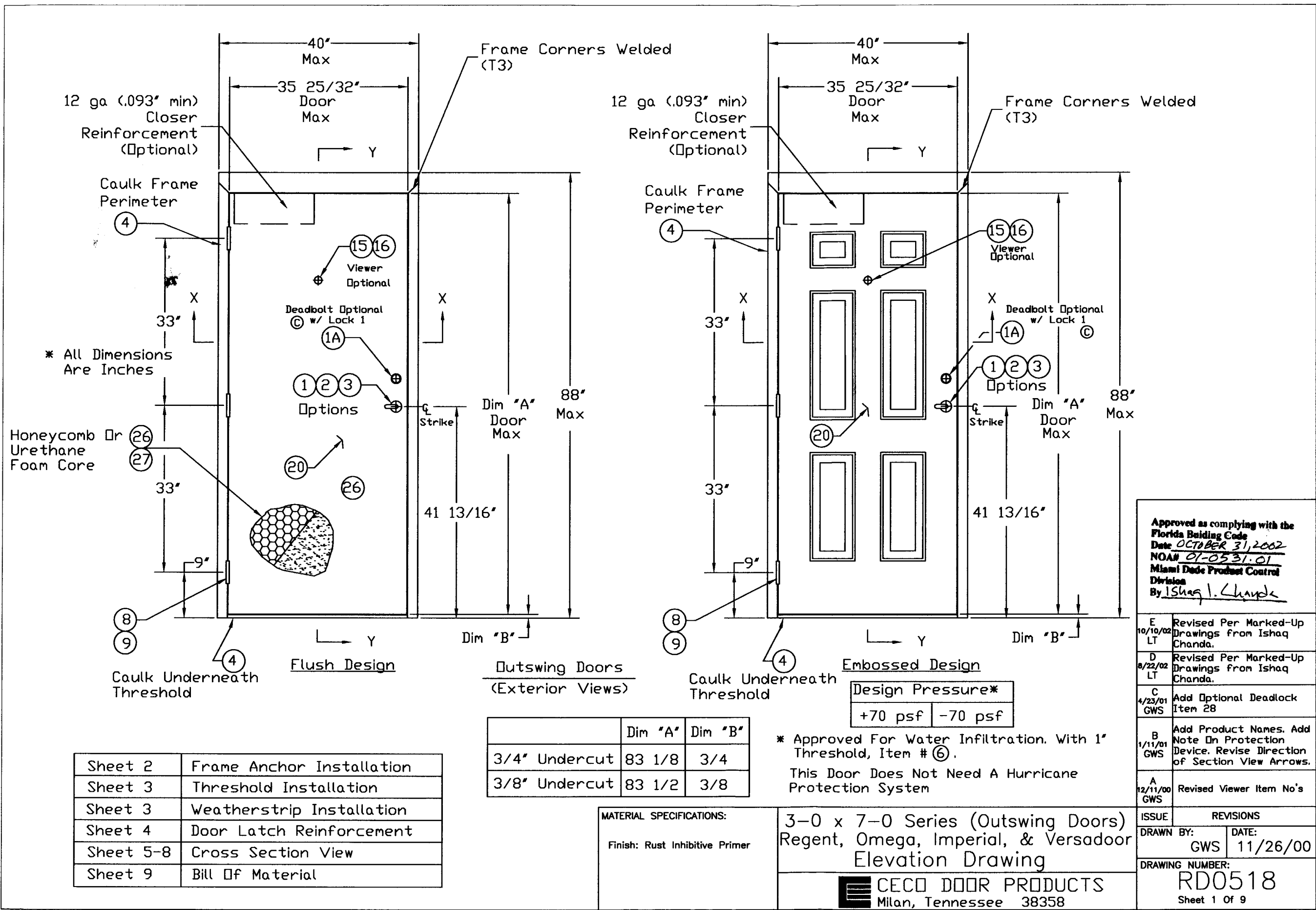
#### **E. STATEMENTS**

1. Statement letter of conformance and letter of "No financial interest", dated May 24, 2001, signed by Walter A. Tillit, P.E.
2. Statement of compliance, as part of test reports **ATL-1130.01-00**, prepared by American Testing lab of South Florida, dated December 21, 2000, signed and sealed William R. Mehner, P.E. and Henry Hattem, P. E.

#### **F. OTHER: None**

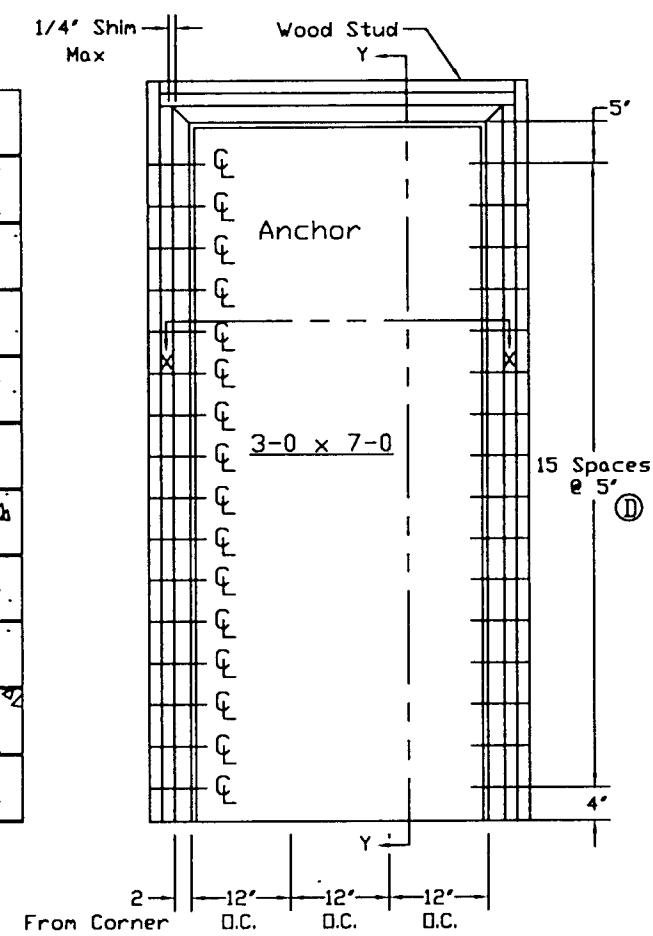
Ishaq I. Chanda  
Ishaq I. Chanda, P.E. Product Control Examiner  
Product Control Division  
NOA No 01-0531.01

Expiration Date: October 31, 2007  
Approval Date: October 31, 2002

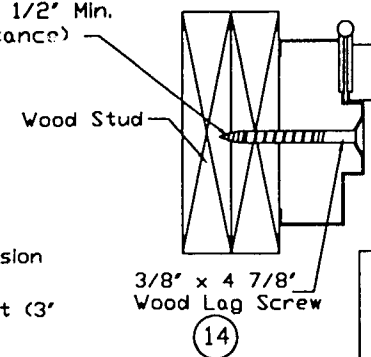


### Existing Opening Anchor Into Wood Stud

Min. 3500 PSI



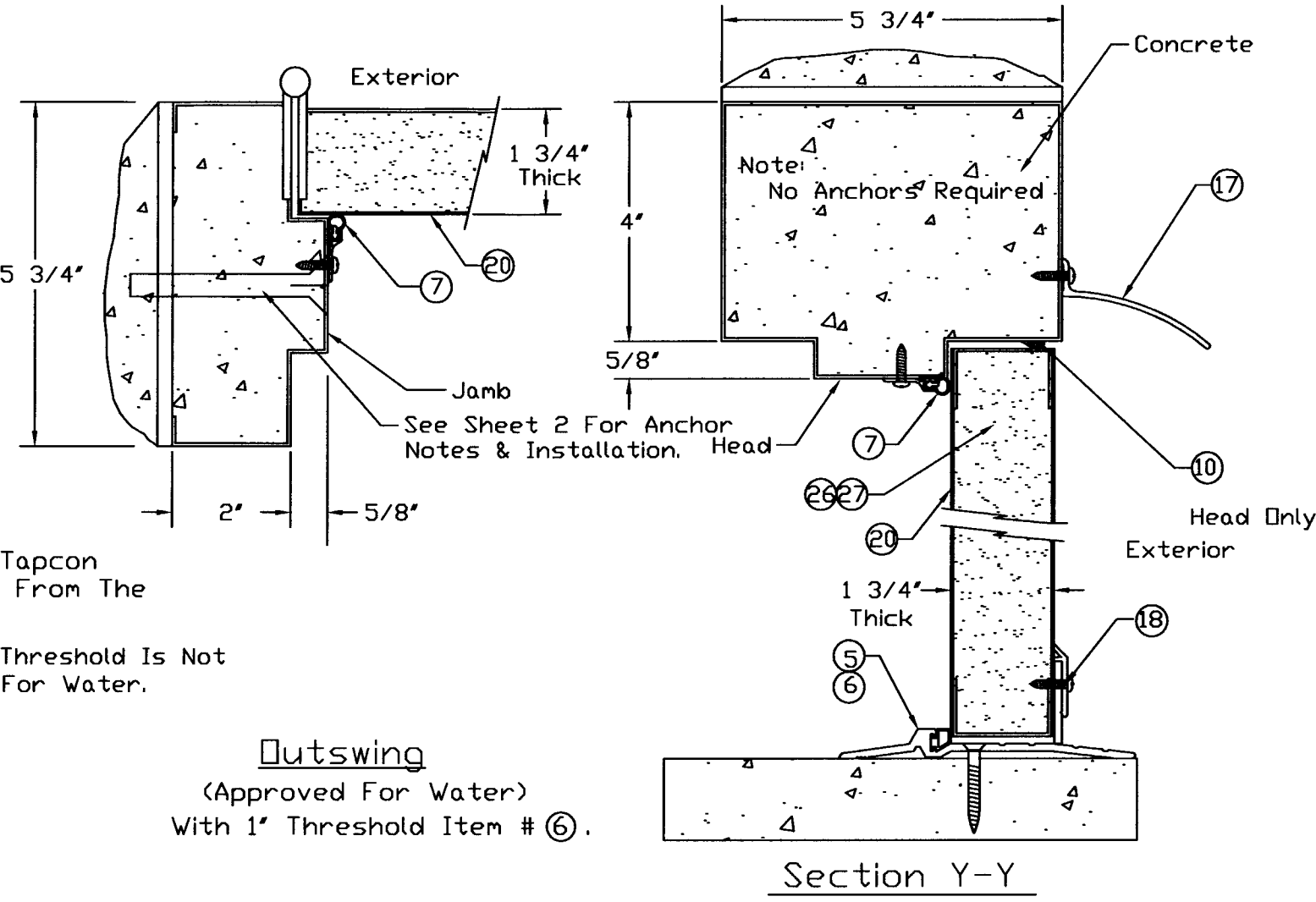
2' Min Embedment Into  
Wood (Lag Screws  
Require 1 1/2' Min.  
Edge distance)



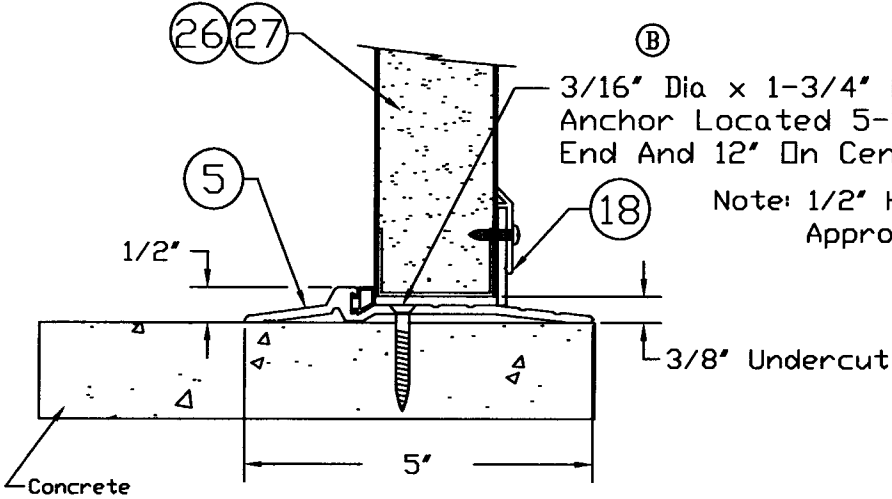
Approved as complying with the  
Florida Building Code  
Date OCT 31, 2002  
NOAH 01-0531.01  
Miami Dade Product Control  
Division  
By Shay I. Chauda

E 5/23/02 LT	Revised Per Marked -Up Drawings From Ishaq Chanda.	
D 5/23/01 GWS	Revised Anchor Spacing. Redrew Anchor Detail.	
C 2/7/01 GWS	Rawl Lok/Bolt Was 4" min Edge Distance.	
B 1/17/01 GWS	Add Product Names. Tapcon Anchor Was #14x1 Screw w/ Plastic Anchor. Add Note On Min Edge Distance. Add Alternate Expansion Bolt.	
A 12/11/00 GWS	Masonry Tee Anchors Were Moved Up 8"	
ISSUE	REVISIONS	
DRAWN BY: GWS		DATE: 11/26/00
DRAWING NUMBER: RD0518		
Sheet 2 of 9		

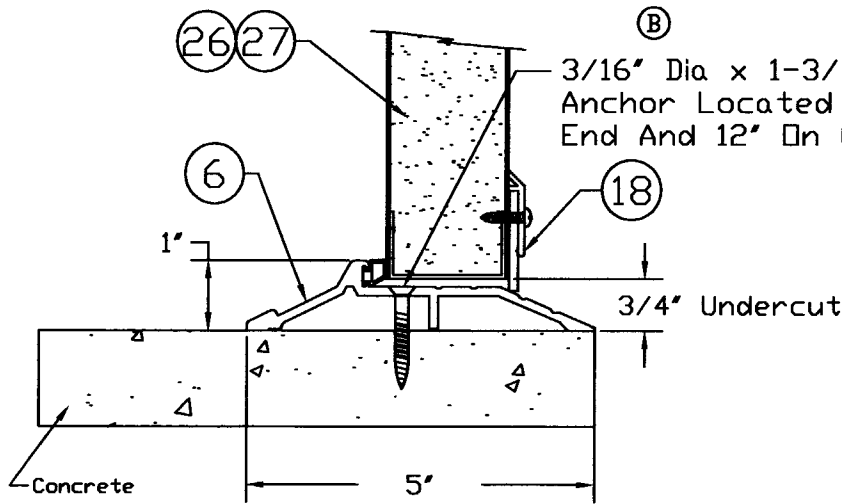
Note: Structural Member At Header Must Be Designed To carry 58.3#/ft. load imposed And Must Be Reviewed By Building Official.



Outswing  
(Approved For Water)  
With 1" Threshold Item # ⑥.



Threshold: Pemko 2005AV



Threshold: Pemko 181AV

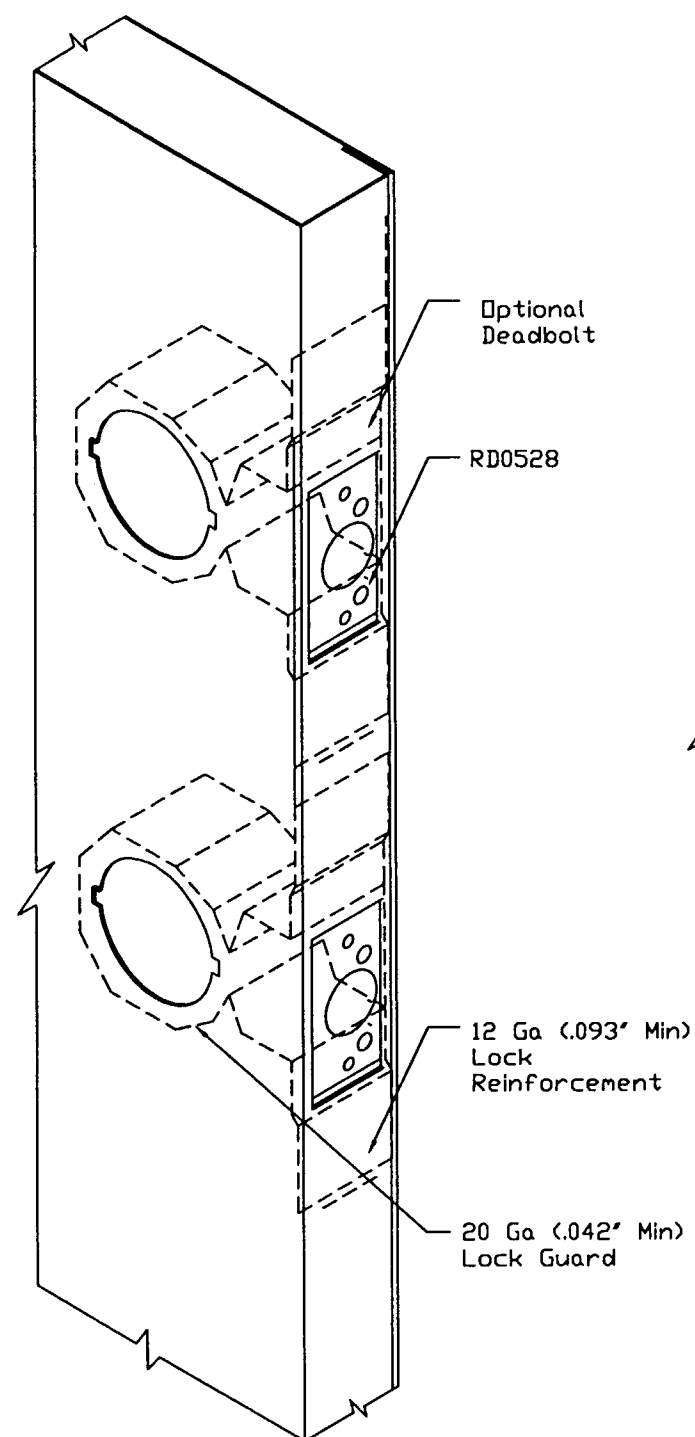
Approved as complying with the  
Florida Building Code  
Date: OCT 31, 2002  
MOA: 01-0531.01  
Miami Dade Product Control  
Division  
By: Ishaq J. Chanda

D	9/10/02	LT	Revised Per Marked-Up Drawings From Ishaq Chanda
C	8/23/02	LT	Revised Per Marked-Up Drawings From Ishaq Chanda
B	1/18/01	GWS	Add Product Names. Tapcon Anchor Was #10x1-1/2" w/ Plastic Anchor.
A	12/11/00	GWS	Add Drip Cap And Sweep. Updated Weatherstrip
ISSUE		REVISIONS	
DRAWN BY:		GWS	DATE: 11/26/00
RD0518		Sheet 3 Of 9	

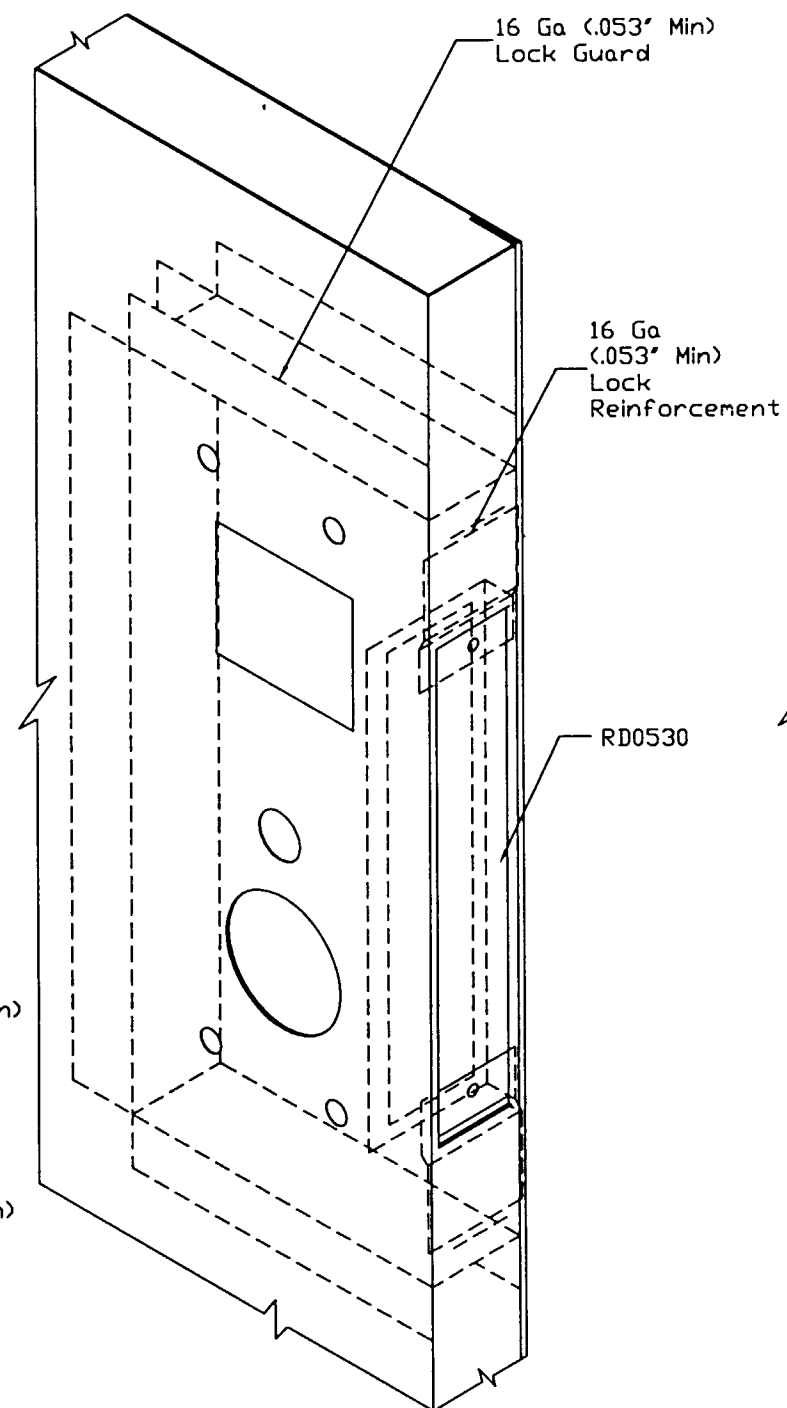
MATERIAL SPECIFICATIONS:

Threshold & Weatherstrip  
Regent, Omega, Imperial, Versadoor  
Installation Details

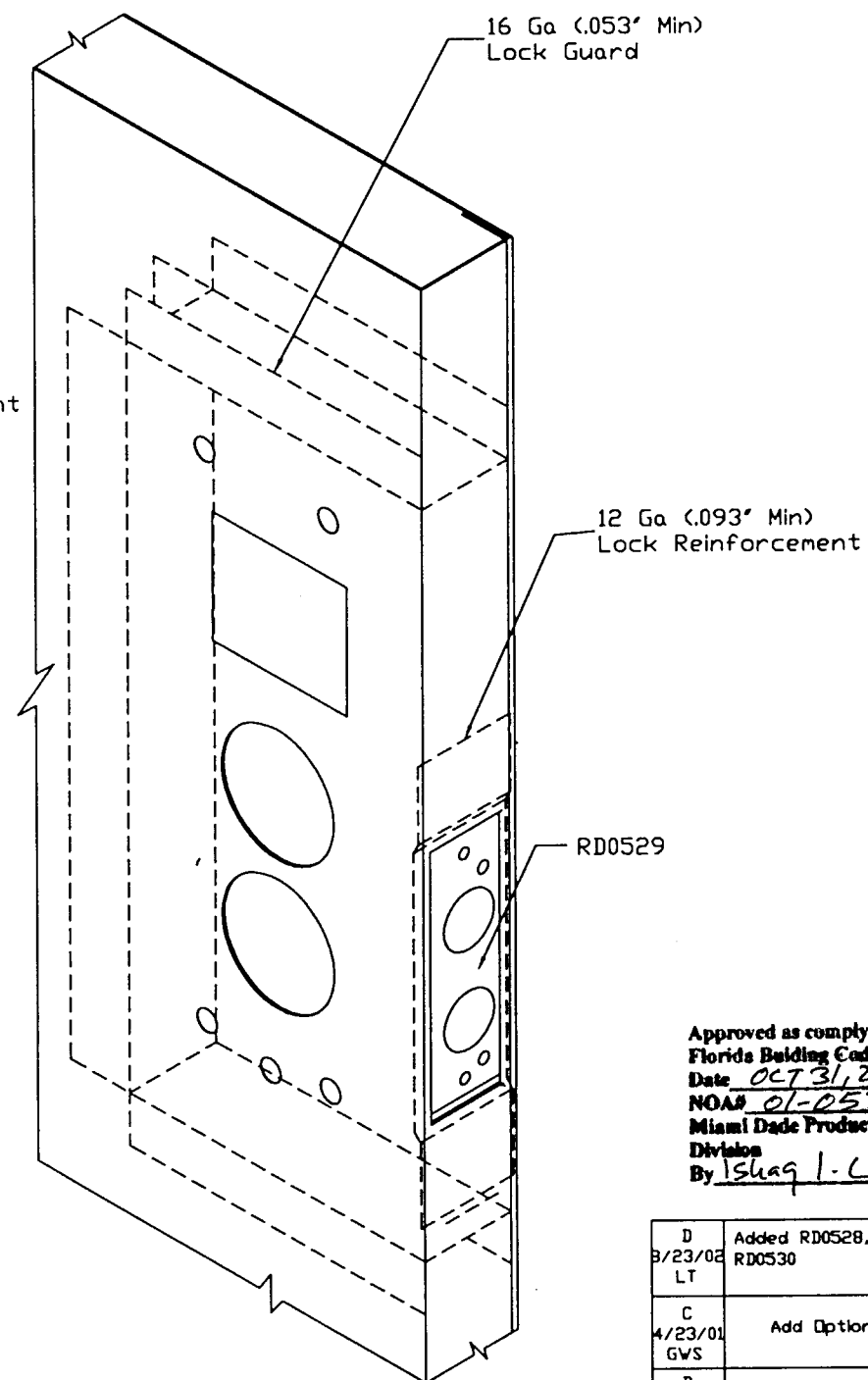
CECO DOOR PRODUCTS  
Milan, Tennessee 38358



Schlage AL53PD



Saflok MT



Saflok Premier SL2500

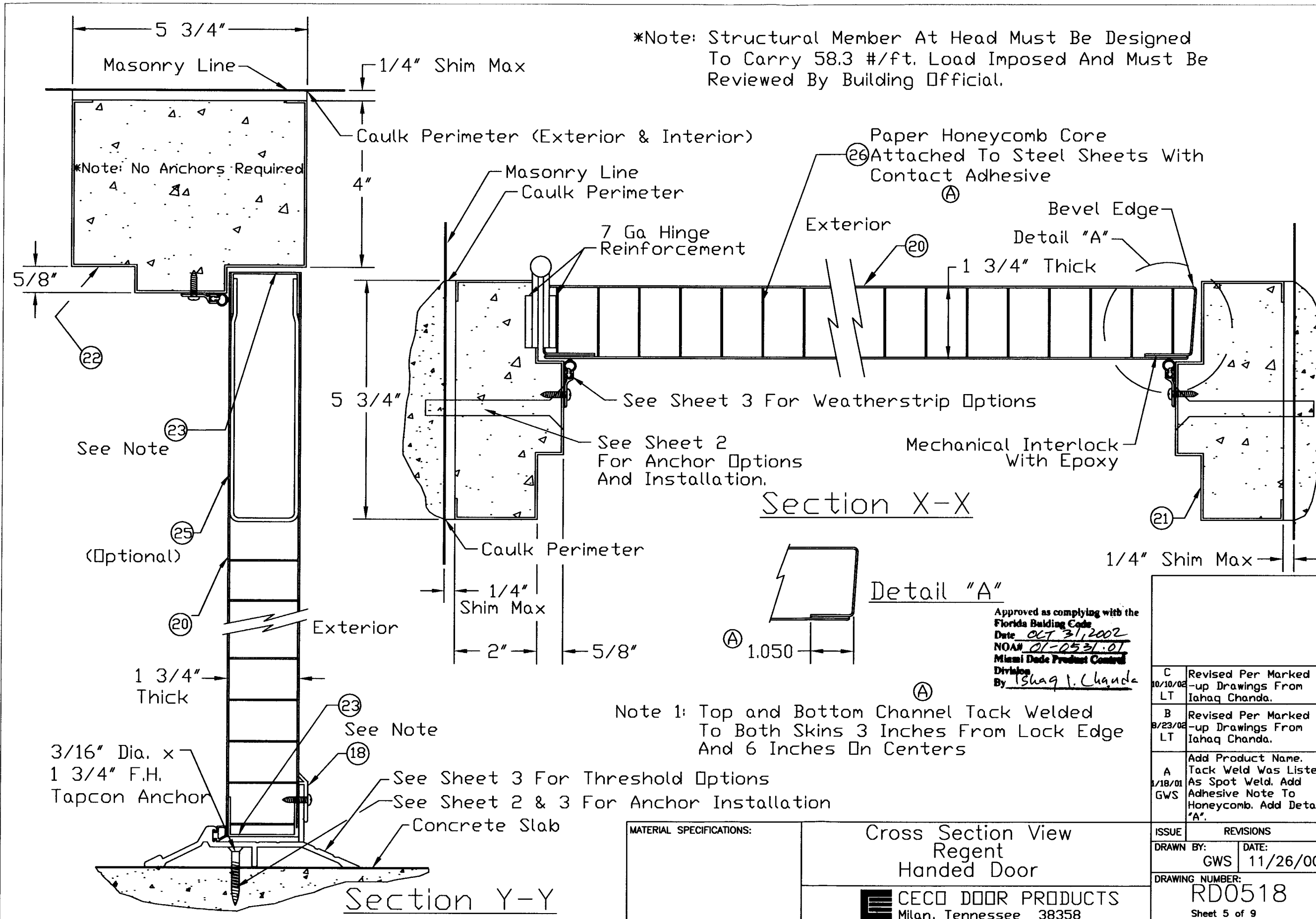
Approved as complying with the  
Florida Building Code  
Date OCT 31, 2002  
NOA# 01-0531-01  
Miami Dade Product Control  
Division  
By Shaq I. Chaudh

D 3/23/02 LT	Added RD0528, RD0529 & RD0530	
C 4/23/01 GWS	Add Optional Deadbolt	
B 1/18/01 GWS	Add Product Names	
A 12/11/00 GWS	Add Details For Saflok MT & Priener Series	
ISSUE	REVISIONS	
DRAWN BY: GWS	DATE: 11/26/00	
DRAWING NUMBER: RD0518 Sheet 4 of 9		

MATERIAL SPECIFICATIONS:

Lock Reinforcement  
Regent, Omega, Imperial, Versadoor  
Reinforcement Details

 **CECO DOOR PRODUCTS**  
Milan, Tennessee 38358



Approved as complying with the  
Florida Building Code  
Date OCT 31, 2002  
NOA# 01-0531-01  
Miami Dade Product Control  
Division  
By Ishaq I. Chanda

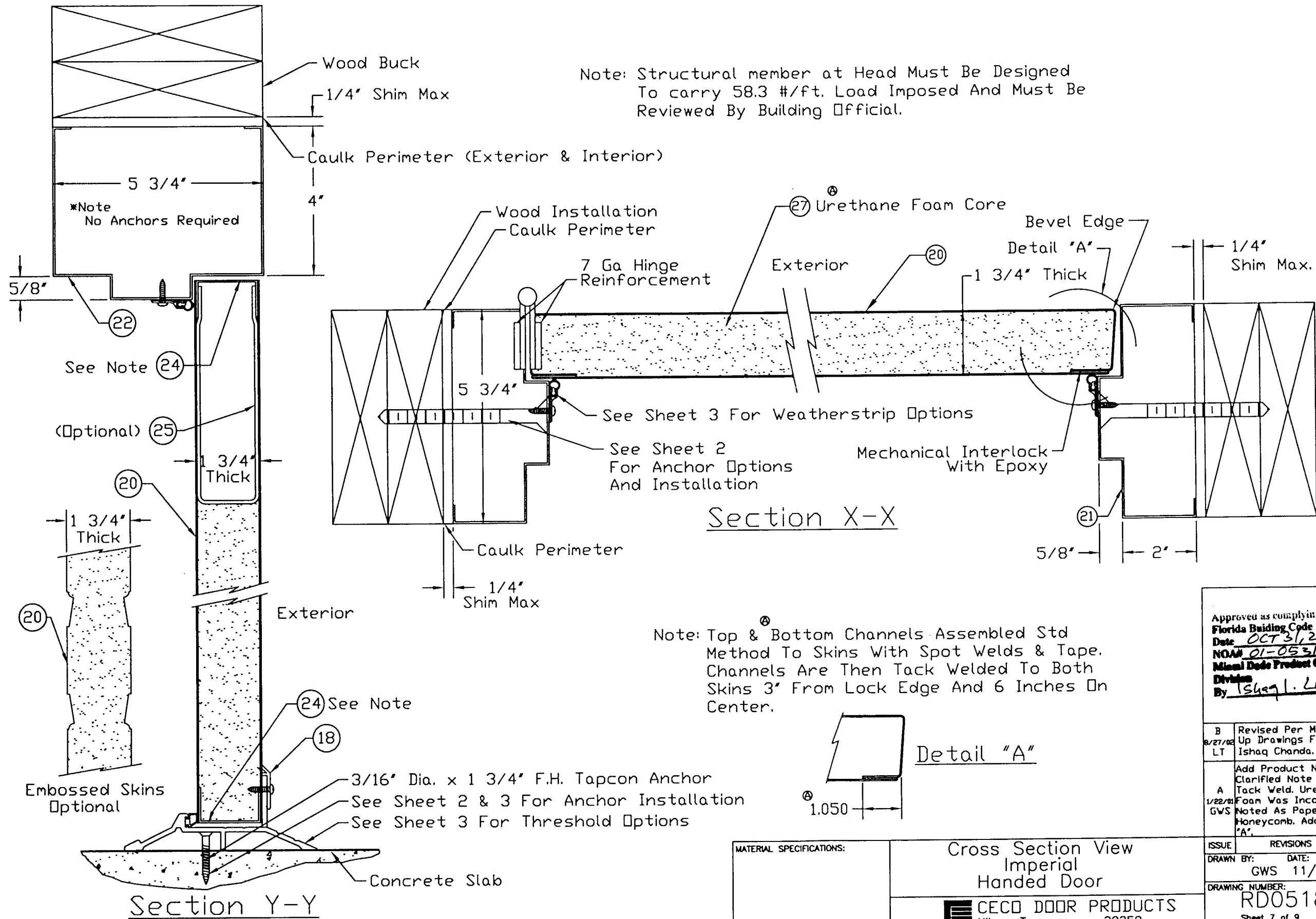
C	Revised Per Marked
10/10/02	-up Drawings From
LT	Ishaq Chanda.
B	Revised Per Marked
8/23/02	-up Drawings From
LT	Ishaq Chanda.
A	Add Product Name.
1/18/01	Tack Weld Was Listed
GWS	As Spot Weld. Add
	Adhesive Note To
	Honeycomb. Add Detail
	"A".
ISSUE	REVISIONS
DRAWN BY:	DATE:
GWS	11/26/00
DRAWING NUMBER:	
RD0518	
Sheet 5 of 9	

**Cross Section View**  
**Regent**  
**Handed Door**

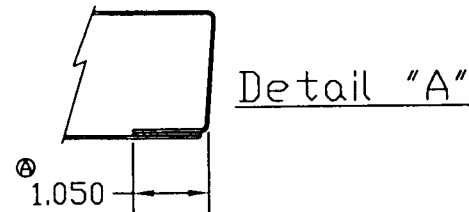
**CECO DOOR PRODUCTS**  
Milan, Tennessee 38358







Note: Top & Bottom Channels Assembled Std Method To Skins With Spot Welds & Tape. Channels Are Then Tack Welded To Both Skins 3" From Lock Edge And 6 Inches On Center.



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NOAH 01-0531-01  
Miami Dade Product Control  
Division  
By Ishaq L. Chanda

B Revised Per Marked-  
8/27/02 Up Drawings From  
LT Ishaq Chanda.

Add Product Name.  
Clarified Note On  
A Tack Weld. Urethane  
1/22/01 Foam Was Incorrectly  
GWS Noted As Paper  
Honeycomb. Add Detail  
"A".

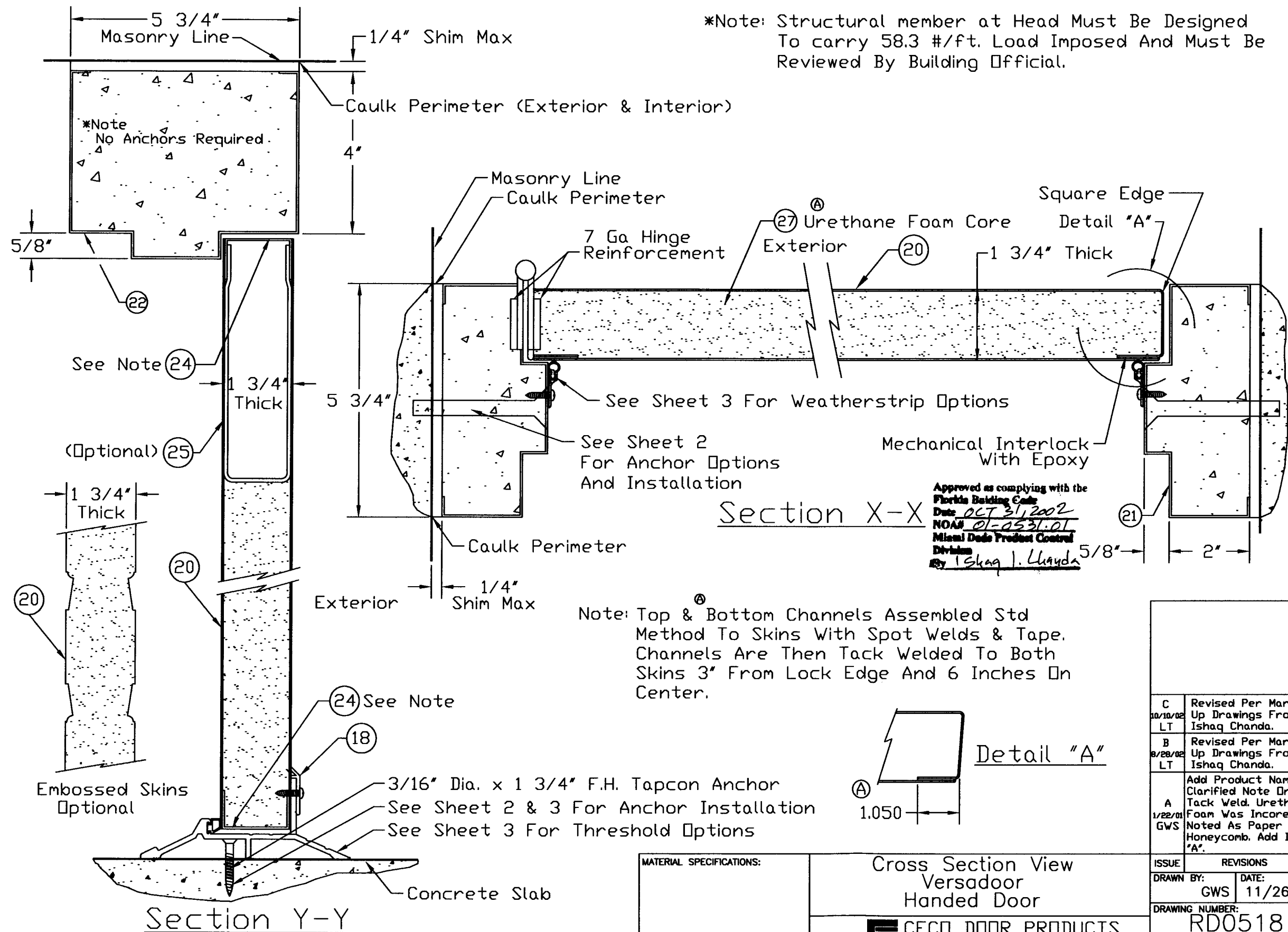
ISSUE REVISIONS  
DRAWN BY: DATE:  
GWS 11/26/00

DRAWING NUMBER:  
RD0518  
Sheet 7 of 9

MATERIAL SPECIFICATIONS:

Cross Section View  
Imperial  
Handed Door

CECO DOOR PRODUCTS  
Milan, Tennessee 38358



C	Revised Per Marked-Up Drawings From Ishaq Chanda.
10/10/02	LT
B	Revised Per Marked-Up Drawings From Ishaq Chanda.
8/28/02	LT
A	Add Product Name. Clarified Note On Tack Weld. Urethane Foam Was Incorrectly Noted As Paper Honeycomb. Add Detail "A".
1/22/01	GWS
ISSUE	
REVISIONS	
DRAWN BY:	DATE:
GWS	11/26/00
DRAWING NUMBER:	
RD0518	
Sheet 8 of 9	

Cross Section View  
Versadoor  
Handed Door

CECO DOOR PRODUCTS  
Milan, Tennessee 38358

1	Cylindrical Lock & Reinforcement (RD0528)	Schlage	AL53PD
1A	Deadbolt (Optional) ⑤	Schlage	B100
2	Or Cylindrical Lock Reinforcement	Saflok	Premier SL2500
3	Or Mortise Lock & Reinforcement (RD0529)	Saflok	MT
4	Caulk	Dow Corning	899 Silicone Glazing Sealant
5	Threshold	Pemko	2005AV36
6	Or	Pemko	181AV36
7	Weatherstrip	Pemko	303AV3684
8	Hinge (Ball Bearing)	Hager or Equal (Attached w/ (8) #12-24 x 1/2 MS Per Hinge)	4-1/2 x 4-1/2 x .134 (Std Weight)
9	Or (Spring)	Hager or Equal (Attached w/ (8) #12-24 x 1/2 MS Per Hinge)	4-1/2 x 4-1/2 x .134 (Std Weight)
10	Weatherstrip	Pemko	S88
11	Frame Anchor	Masonry Tee (RD0057)	16 ga (.053" min) Galv Steel Fymin = 30ksi
12	Or	Wire (Relaxed Dim. = 9" Long x 8" Wide)	#7 (.167" min) Galv Steel Wire (70,000 - 90,000 psi Tensile Strength)
13	Or	Expansion Bolt	3/8" x 5" F.H. Rawl Lok/Bolt Or 3/8" x 5" F.H. Ramset/RED Head
14	Or	Wood Lag Screw	3/8" x 4-5/8"
15	Viewer	Hager	1755
16	Or	MAG Security	8724-C
17	Drip Cap; Top	Pemko	346
18	Sweep	Pemko	315 N
19	Floor Anchor	Fixed Floor Anchor	16 ga (.053" min) galvanized Steel
20	Face Sheet A60 Galv Conforming To ASTM A653	Commercial Steel Type B (Minimum Yield Strength 30,000psi)	16 Ga (.053" min)
21	Series SF, Frame Jamb, Double Rabbet Profile, A60 Galv Conforming To ASTM A653	16 Ga (.053" min) Commercial Steel Type B (Minimum Yield Strength 30,000psi)	2" Face, 5-3/4" Depth Min (RD0033)
22	Series SF, Frame Head, Double Rabbet, Profile A60 Galv Conforming To ASTM A653	16 Ga (.053" min) Commercial Steel Type B (Minimum Yield Strength 30,000psi)	4" Face, 5-3/4" Depth Min (RD0033)
23	Door Channels; Spot Welded To Bottom Skin Glued To Top Skin; Tack Welded To Both	16 Ga (.053" min) A60 Galv Conforming To ASTM A653 Commercial Steel Type B (Minimum Yield Strength 30,000psi)	16 ga (.053" min) x 1" x 1-3/4" x 1"
24	Door Channels; Spot Welded To Bottom Skin Taped To Top Skin; Tack Welded To Both	16 Ga (.053" min) A60 Galv Conforming To ASTM A653 Commercial Steel Type B (Minimum Yield Strength 30,000psi)	16 ga (.053" min) x 1" x 1-3/4" x 1"
25	Closer Reinforcement (Optional)	12 Ga (.093" min) CS Type B	12 ga (.093" min) x 5-3/8" x 16"
26	Honeycomb Core	Non-Impregnated Kraft Paper ⑥	1.2" Nominal Cell Size
27	Urethane Core	Foam Enterprises	2 lb/ft³ Density

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Division  
By Ishaq I. Chanda

F	8/28/02	LT	Revised Per Marked-Up Drawings From Ishaq Chanda.
E	5/22/01	LT	Changed Item #26 from phenolic resin impregnated honeycomb to non-impregnated honeycomb
D	4/23/01	GWS	Add Optional Deadbolt Item 1A
G	10/10/02	LT	Revised Per Marked-Up Drawings From Ishaq Chanda.

MATERIAL SPECIFICATIONS:	3-0 x 7-0 Series Bill Of Materials	ISSUE	REVISIONS
		ISSUE	REVISIONS
		DRAWN BY:	DATE:
		DRAWING NUMBER:	

C	2/7/01	GWS	Add Hinge Screws. Correct Foam Density Unit. Add A60 To Top & Bottom Channels. Add Tensile Strength To Wire Anchor.
B	1/24/01	GWS	Add Items 20 thru 27. Add Alternative To Item 13
A	12/11/00	GWS	Updated Bill Of Materials

11/27/00
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RD0518  
Sheet 9 Of 9